

THIRTEENTH ANNUAL REPORT
OF GENERAL ANILINE &
FILM CORPORATION

1941

**THIRTEENTH ANNUAL REPORT
OF GENERAL ANILINE &
FILM CORPORATION
1941**

230 PARK AVENUE, NEW YORK CITY

Operating Divisions

GENERAL ANILINE WORKS, NEW YORK CITY

AGFA ANSCO, BINGHAMTON, N. Y.

OZALID PRODUCTS, JOHNSON CITY, N. Y.

GENERAL ANILINE & FILM CORPORATION

BOARD OF DIRECTORS

John G. Baragwanath

Walter H. Bennett

William C. Breed

Ralph Budd

W. C. Bullitt

*R. Hutz

John E. Mack

Charles L. McCann

*D. A. Schmitz

Robert L. Stevens

Nelson S. Talbott

Hugh S. Williamson

OFFICERS

John E. Mack,
President

F. A. Gibbons,
Secretary

H. S. Williamson,
Treasurer

*Suspended by order of the United States Treasury Department

TO THE STOCKHOLDERS:

This Annual Report covers the operations of your company in its 13th year.

FINANCIAL INFORMATION

With the close of 1941, the corporation completed two full calendar years as an operating company. Results of operations for these years are:

	1941	1940
Consolidated Net Income before Federal Taxes.....	\$10,035,323.12	\$5,266,050.68
Federal Taxes on Income	5,919,591.77	1,159,993.61
Consolidated Net Income	4,115,731.35	4,106,057.07
Earnings per common A share	5.61	5.59
Dividends paid per common A share.....	3.00	2.75
Dividends paid per common B share.....	.30	.275

Net income was computed after allocating \$782,207.63 to a reserve for contingencies set aside to provide for possible depreciation of asset values in connection with the war period. To this amount was added \$217,792.37 by transfer of the unused balance of the reserve for welfare expenses created in 1940. This makes the total reserve for this purpose \$1,000,000.00.

During 1941, the corporation redeemed \$4,408,000.00 of its 5½% Guaranteed Convertible Debentures, thus reducing the outstanding amount to \$18,000,000.00. In this connection the corporation obtained a serial loan of \$2,000,000.00, of which \$500,000.00 was repaid during 1941.

Sales of marketable securities during the year included: 50,000 shares of common stock of Standard Oil Co. (N. J.); 7,300 shares of common stock of Sterling Products, Inc. and 22,299 shares of common stock of Mission Corporation. The proceeds from these sales amounting to \$2,546,262.03 were set aside for future redemption of Debentures.

Your corporation sold its half interest in American Magnesium Corporation to the Aluminum Company of America.

An increase in the investment in Alba Pharmaceutical Company of \$200,000.00 is due to the acquisition of additional interests in the pharmaceutical field by the Alba Company. No change took place with respect to the investment in Winthrop Chemical Company.

No adjustments were made in the stated value of our investment in I. G. Chemie. What value, if any, should be attributed to this interest depends on factors which cannot be determined at this time.

OPERATIONS

Sales rose from \$28,211,498.79 in 1940 to \$41,387,402.91, representing a 46.7% increase. Government business, direct and indirect, contributed greatly to this rise.

Your corporation's General Aniline Works Division continued as the principal domestic producer of dyestuffs for Army and Navy textiles such as uniforms, tents, blankets, etc.

The Agfa Ansco Division, oldest and second largest producer of photographic materials in the country, enjoyed the most successful year in its history. War work accounts for a substantial portion of Agfa Ansco's business.

The business of the Ozalid Products Division increased 60% over 1940. The products of the Division are now sold almost exclusively to war industries and the Government.

In 1940 your corporation acquired approximately 900 patents and patent applications in fields of chemistry other than those in which the corporation has been active. Several products covered by these inventions are already being manufactured on a commercial scale. These products include carbonyl iron powder, also polyvinyl ethers usable as waxes, adhesives and water repellents. New developments in the Agfa and Ozalid Divisions include an Ozaphane sound film and equipment, processes for reproducing microscopic prints on paper, and a photographic process for the reproduction of reticules on optical glass.

New lines of products introduced in 1941 and the expansion of the corporation's existing manufacturing facilities, particularly in the field of dyestuffs and dyestuff intermediates, resulted in expenditures for new construction in the amount of \$3,200,563.81. These expenditures compare with depreciation charges of \$1,830,953.20. The depreciation policy of the company has been such that it has now in use fully depreciated buildings and equipment with an original cost of \$6,600,000.00.

Your corporation is using every facility possible to increase its output in vital war materials. This will curtail many lines of production not essential for the war. The difficulties of obtaining raw materials will have a direct bearing on the volume of production. Rising wage rates and increased cost of materials will have an adverse effect on cost of production.

EMPLOYEE RELATIONS

Never in its history has your corporation had a strike. The co-operative spirit which makes this record possible continues.

The past year saw a consolidation of the company's welfare plans. The Group Life Insurance Plan, supported by joint contributions of the company and the employees, provides an average death benefit of approximately twice the annual salary of the employee. The Group Annuity Plan, the cost of which is also shared by the company and the employees, provides an annuity approximating an amount of 11½% of their annual salary for each year of service for all employees receiving \$3,000.00 or more annually.

INDUSTRIAL DEVELOPMENT

Charts indicating the progress of the company since its organization follow this letter. Since the corporation did not become an operating company until 1939, data in respect of years prior to that time refer to the organizations which later became operating divisions.

RELATIONS WITH U. S. GOVERNMENT

The beginning of 1941 saw renewed efforts on the part of the corporation's directors to have I. G. Chemie sell its stock in the company to American investors. These efforts

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failed. During this time, the corporation kept the Government informed of its actions and made every effort to co-operate with the announced policies of the country.

During 1941 a number of changes took place in the management of the corporation. Subsequent to the removal of Mr. D. A. Schmitz as president by action of the Board of Directors and on Oct. 31, 1941, Mr. John E. Mack was elected president. Several American directors of German birth resigned in the Fall of the year to make room for the election of directors of national standing.

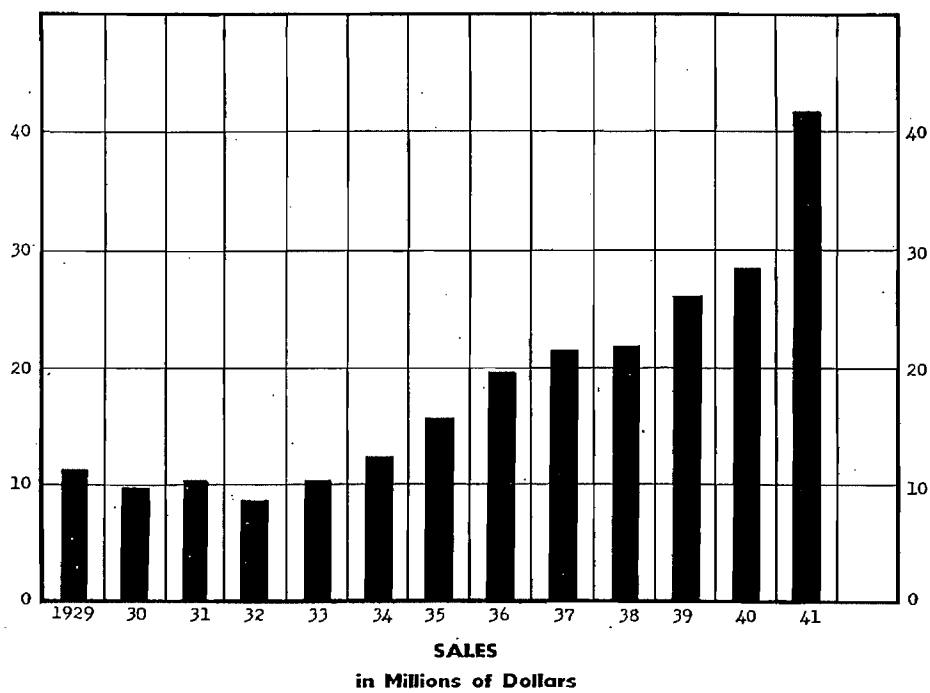
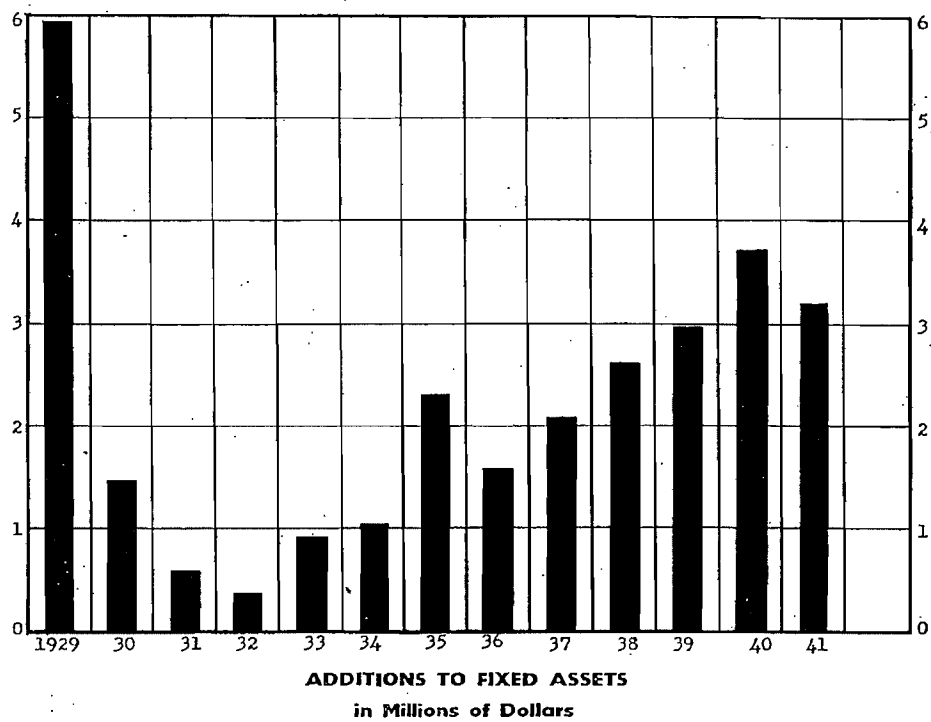
Since June 18, 1941, your corporation has been operating under a business license issued by the United States Treasury Department under authority of Executive Order 8389, as Amended. On February 16, 1942, the Secretary of the Treasury, under an Executive Order delegating the authority of the President of the United States under the Trading with the Enemy Act, directed the transfer to himself on the books of the corporation of all shares of stock registered in the name of certain foreign nationals, which shares constitute approximately 97% of the outstanding shares of the corporation. This transfer was duly made.

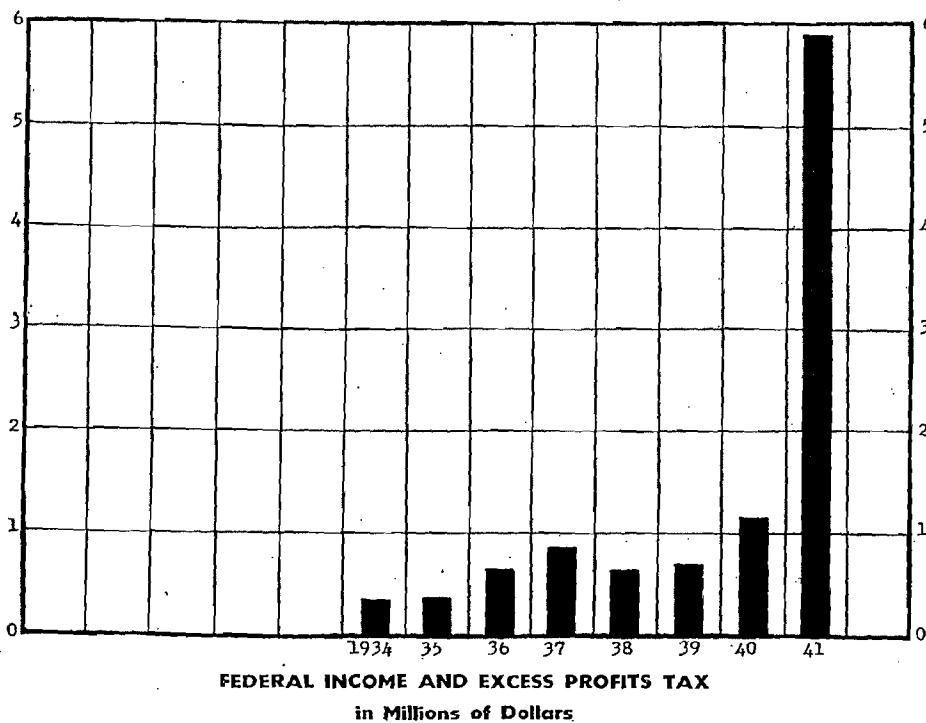
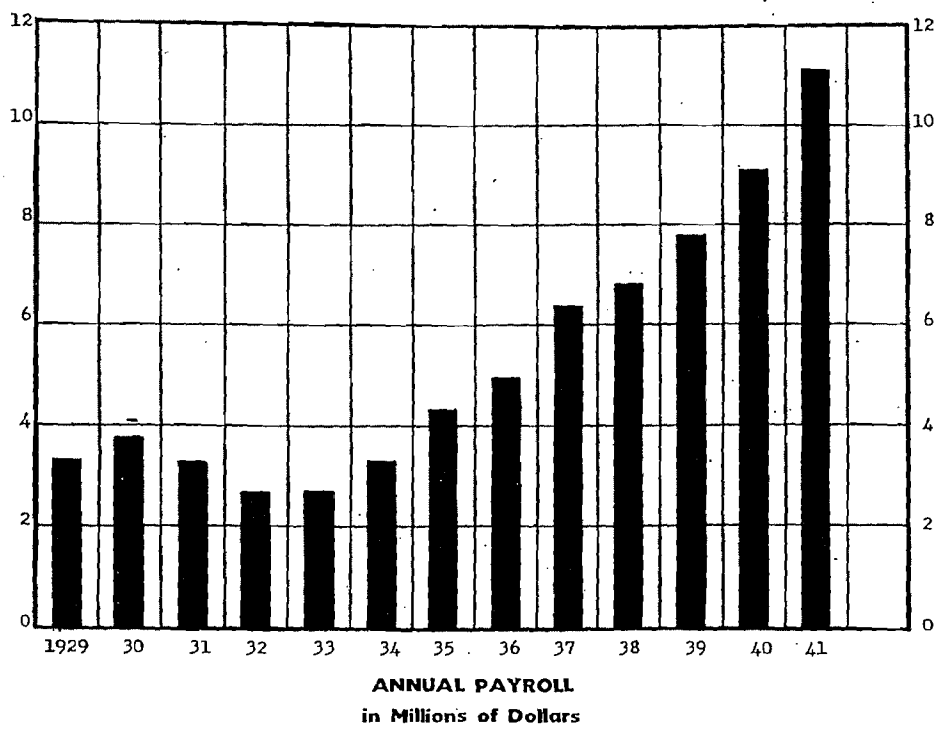
The progress made by the corporation during the thirteen years of its existence speaks for itself. This achievement was made possible by the great loyalty, skill and enthusiasm of our employees. Everyone in our organization is doing his full share to contribute to a successful conclusion of the war. On behalf of the Board of Directors, I wish to express my deep appreciation.

JOHN E. MACK

President

New York, N. Y.
February 27, 1942.





GENERAL ANILINE & FILM CORPORATION
CONSOLIDATED BALANCE SHEET

ASSETS

CURRENT ASSETS:

Cash on hand and demand deposits (Note 3)		\$ 7,652,063.98
Marketable securities, at cost or market whichever lower (aggregate quoted market value \$9,126,813.69, Note 4)		6,843,813.46
Notes and accounts receivable:		
Customers, less reserve of \$131,302.72 (including \$1,785,419.54 due from General Dyestuff Corporation)	\$ 3,805,313.35	
Other	113,258.49	
Due from subsidiary company, not consolidated	152,740.87	4,071,312.71
Inventories: (Note 5)		
Finished goods	\$ 5,702,620.05	
Goods in process	4,820,421.72	
Raw materials	4,394,450.19	
Supplies, containers and goods in transit	834,922.14	15,752,414.10
Total current assets		<u>\$34,319,604.25</u>

INVESTMENTS:

Sundry investments, at cost	\$ 1,575,509.38	
Securities deposited with State of New York under Workmen's Compensation Act, at cost or market whichever lower (aggregate quoted market value \$99,706.25)	93,601.30	
Investment in Canadian subsidiary, not consolidated	67,000.00	1,736,110.68

FIXED ASSETS:

Land	\$ 708,316.60	
Property, plant and equipment	33,137,149.85	
Total (Note 6)	\$33,845,466.45	
Less reserves for depreciation and obsolescence	15,934,488.17	17,910,978.28

PATENTS, TRADEMARKS AND FORMULAE (Note 7)		1.00
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DEFERRED CHARGES:

Unamortized insurance premiums and taxes	\$ 331,784.15	
Other deferred charges and prepaid expenses	203,076.26	534,860.41

OTHER ASSETS:

Debenture retirement fund, cash in bank, derived from sales of securities in 1941	\$ 2,546,262.03	
Trust funds for dividends payable to foreign nationals on 1,550,000 Common B shares, contra	449,537.50	
Employees' Defense Bond Trustee account, cash in bank, contra	9,134.29	3,004,933.82

INVESTMENT IN COMMON STOCK OF INTERNATIONALE GESELLSCHAFT FUER CHEMISCHE * UNTERNEHMUNGEN A. G., BASLE, SWITZERLAND (Note 8)		9,255,530.00
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TOTAL		<u><u>\$66,762,018.44</u></u>
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See explanatory notes which accompany this financial statement.

(DELAWARE) AND SUBSIDIARY COMPANIES
SHEET, DECEMBER 31, 1941

LIABILITIES

CURRENT LIABILITIES:

Notes payable to bank	\$ 1,500,000.00	
Accounts payable, trade	1,361,933.49	
Accounts payable, other	40,305.13	
Taxes withheld at source	797,312.83	
Dividends payable	2,253.13	
Deferred uncalled for balance on stock of Internationale Gesellschaft fuer Chemische Unternehmungen, A. G., Basle, Switzerland (Note 9)	1,660,230.00	

\$ 5,362,034.58

Accrued liabilities:

Provision for federal taxes on income, estimated	\$ 5,992,883.05	
Provision for other taxes	321,503.15	
Accrued interest on debentures	165,000.00	
Other, including salaries, wages and commissions	170,630.48	6,650,016.68

Total current liabilities \$12,012,051.26

GUARANTEED 5½% CONVERTIBLE DEBENTURES, DUE MAY 1, 1949
(Conversion privilege expired December 31, 1938):

Original issue	\$30,000,000.00	
Converted into Common A shares	\$ 1,364,000.00	
Retired	10,636,000.00	12,000,000.00
		18,000,000.00

RESERVES:

Workmen's compensation self insurance	\$ 228,207.86	
Contingencies (Note 10)	1,000,000.00	
Other	15,235.72	1,243,443.58

OTHER LIABILITIES, CONTRA:

Dividends payable to foreign nationals on 1,550,000 Common B shares	\$ 449,537.50	
Employees' Defense Bond purchase account	9,134.29	458,671.79

CAPITAL AND SURPLUS:

Common A stock of no par value (stated at \$25.00 per share and en- titled in the event of liquidation or dissolution, first to \$75.00 per share, and thereafter to participate share for share with Common B stock) authorized 3,000,000 shares, issued 529,701 shares	\$13,242,525.00	
Common B stock of \$1.00 par value, authorized and issued, 3,000,000 shares	3,000,000.00	
Capital surplus, per accompanying statement	12,902,432.08	
Earned surplus, per accompanying statement	6,891,596.61	

Total \$36,036,553.69

Less stock in treasury:

430.93 Common A shares at cost	\$ 38,701.88	
950,000 Common B shares at par value of \$1.00	950,000.00	988,701.88
		35,047,851.81

TOTAL \$66,762,018.44

an integral part of this statement.

GENERAL ANILINE & FILM CORPORATION
(DELAWARE) AND SUBSIDIARY COMPANIES

STATEMENT OF CONSOLIDATED PROFIT AND LOSS

For the Year Ended December 31, 1941

Gross sales, less returns, allowances and other sales deductions (Note 11)		\$41,387,402.91
Cost of sales		25,429,175.68
Gross profit on sales		\$15,958,227.23
Selling, general and administrative expenses		5,204,448.06
Profit from operations		\$10,753,779.17
Other income:		
Dividends and interest on domestic securities, notes, etc.	\$1,446,125.62	
Dividends on stock of Internationale Gesellschaft fuer Chemische Unternehmungen A. G., Basle, Switzerland, less \$55,695.41 tax withheld at source	450,626.46	
Royalties	124,298.70	
Discount on purchases	139,549.98	
Other	136,082.47	2,296,683.23
Total		\$13,050,462.40
Other deductions:		
Interest on debentures	\$1,070,813.33	
Discount on sales	263,116.58	
Additional compensation	408,048.10	
Loss on building, machinery and equipment dismantled	113,366.60	
Provision for contingencies	782,207.63	
Other	377,587.04	3,015,139.28
Net income, before provision for federal taxes on income		\$10,035,323.12
Provision for federal taxes on income, estimated:		
Income and surtax	\$1,690,590.48	
Excess profits tax	4,229,001.29	5,919,591.77
Net income, transferred to earned surplus (Notes 7 and 12)		\$ 4,115,731.35

See explanatory notes which are an integral part of this statement.

GENERAL ANILINE & FILM CORPORATION
(DELAWARE) AND SUBSIDIARY COMPANIES

STATEMENT OF CONSOLIDATED CAPITAL SURPLUS

For the Year Ended December 31, 1941

Balance of capital surplus, December 31, 1941	\$12,902,432.08
No change during the year	

STATEMENT OF CONSOLIDATED EARNED SURPLUS

For the Year Ended December 31, 1941

Balance of earned surplus, January 1, 1941	\$ 3,370,404.00
Additions:	
Transferred from profit and loss	4,115,731.35
Transferred from appropriated earned surplus	2,000,000.00
Total	\$ 9,486,135.35
Deductions other than dividends:	
Write-down of business license acquired during the year to nominal amount	\$ 58,652.49
Write-down of certain marketable securities to quoted market value, net	333,073.25
	391,725.74
	\$ 9,094,409.61
Dividends paid:	
\$3.00 per Common A share	\$1,587,813.00
.30 per Common B share	615,000.00
	2,202,813.00
Balance of earned surplus, December 31, 1941	\$ 6,891,596.61

STATEMENT OF APPROPRIATED EARNED SURPLUS

For the Year Ended December 31, 1941

Balance of appropriated earned surplus, January 1, 1941	\$ 2,000,000.00
Transferred to earned surplus on retirement of debentures	2,000,000.00
Balance of appropriated earned surplus, December 31, 1941	\$ —

GENERAL ANILINE & FILM CORPORATION
(DELAWARE) AND SUBSIDIARY COMPANIES

NOTES TO FINANCIAL STATEMENTS

1. The accompanying consolidated financial statements include the accounts of three wholly owned subsidiaries, but exclude the accounts of a wholly owned Canadian subsidiary, the net assets of which amount to approximately one-half of one per cent of the consolidated net assets.
2. Since June 18, 1941 the Company has been operating under a license issued by the U. S. Treasury Department under authority of Executive Order No. 8389 of April 10, 1940, as amended, and the regulations and rulings issued thereunder.
3. Demand deposits include \$111,250.00 on deposit in Canada. These funds have been translated at current transfer rates and are subject to exchange control board regulations.
4. The aggregate quoted market value does not include securities which were written off in prior years; such securities had a quoted market value of \$25,500.00 at December 31, 1941.
5. Inventories aggregating \$10,471,672.79 are stated at cost or market, whichever lower. The practice followed in adjusting inventories to the lower of cost or market is on the basis of specific items. Market is considered as selling market and allowance is made for selling expenses and a normal margin of profit. The balance of the inventories amounting to \$5,280,741.31, are stated at cost. The general method of computing cost of goods sold is on the basis of "average cost". Inventories include \$1,233,106.53 on consignment with General Dyestuff Corporation.
6. Land and property, plant and equipment, amounting to \$8,401,870.14, is stated at less than cost, as appraised by the Company's engineers as of January 1, 1932, with subsequent additions at cost. The balance of the land and property, plant and equipment, amounting to \$25,443,596.31, is stated at cost. The property, plant and equipment includes unfinished construction in progress of \$1,036,703.08 and property not used in operations of \$288,662.03.
7. Patents, trademarks, and formulae were written down to a nominal amount of \$1.00 by charges to earned surplus in prior years of \$1,288,749.49, and of \$58,652.49 during the year 1941. Had these items been amortized over their remaining life, the net income for the year 1941 would have been reduced in the amount of \$120,542.79.
8. It has been the practice of the corporation in prior years, by appropriate entry in the earned surplus account, to adjust this investment to cost or quoted market value, which

GENERAL ANILINE & FILM CORPORATION
(DELAWARE) AND SUBSIDIARY COMPANIES

ever lower. The original cost of this investment \$14,903,103.63 has been written down to \$9,255,530.00 by charges to earned surplus in prior years. Owing to war conditions reliable market quotations are not available. Therefore, no adjustment to cost or market, whichever lower, has been made in 1941 and the amount at which this investment is stated represents the quoted market value at December 31, 1940. What value, if any, should be attributed to this investment depends on factors which cannot be determined at this time.

9. The deferred uncalled for balance on the 50% paid common stock of Internationale Gesellschaft fuer Chemische Unternehmungen A. G., Basle, Switzerland, payable in Swiss francs, was translated at current rates of exchange as of December 31, 1940. (See Note 8.)
10. A reserve for welfare expense was established during the year 1940 by a charge to profit and loss in the amount of \$350,000.00. During the year 1941 this reserve was charged with payments amounting to \$132,207.63 for past service annuities and rights of participation in group annuity contract. The balance of this reserve amounting to \$217,792.37 was transferred to a reserve for contingencies created to provide for possible depreciation of asset values in connection with the war period. In addition there was provided \$782,207.63 by a charge to profit and loss establishing the total reserve for contingencies in the amount of \$1,000,000.00.
11. There has been deducted from gross sales, commissions amounting to \$4,213,165.47 paid to General Dyestuff Corporation, sales agent.
12. Unamortized debenture discount and expense was charged to surplus in a prior year. Had these items been amortized over the remaining life of the debentures plus the amount applicable to the debentures retired in 1941, the net income for the year 1941 would have been reduced in the amount of \$253,955.45.
13. In determining net income, there has been deducted total depreciation of \$1,830,953.20.
14. Income in foreign currencies was converted into United States dollars at prevailing rates of exchange at dates of conversion.
15. Contingent liabilities and commitments:
The corporation has been named defendant in four indictments for alleged violation of the Anti-Trust laws. The maximum penalty to which the corporation could be subjected, if found guilty, would be a total of \$35,000.00.
Commitments on unfinished construction amount to approximately \$289,000.00.

GENERAL ANILINE & FILM CORPORATION
(DELAWARE) AND SUBSIDIARY COMPANIES

INVESTMENTS IN SECURITIES, DECEMBER 31, 1941

	Shares or Units	Amount
Marketable securities at cost or market, whichever lower (Note 1):		
E. I. du Pont de Nemours & Co., common stock.....	5,500	\$ 786,500.00
Standard Oil Co. (N. J.), common stock	153,053	4,106,962.52
Standard Oil Co. of California, common stock.....	10,000	188,750.00
Standard Oil Co. (Indiana), common stock	5,900	155,612.50
Sterling Products, Inc., common stock	30,580	1,605,450.00
U. S. of America Treasury Bond, 2½%, due December 15, 1949/53.....	\$500.00	538.44
Total		<u>\$6,843,813.46</u>
Sundry investments, at cost (no quoted market value):		
Alba Pharmaceutical Company, Inc., common B stock.....	2,000	\$ 494,009.38
Plaskon Co., Incorporated, \$6.00 cum. preferred stock	4,000	312,500.00
Plaskon Co., Incorporated, 4% cum. preferred stock	1,230	112,500.00
Plaskon Co., Incorporated, common stock	6,500	6,500.00
Winthrop Chemical Company, common B stock	6,150	650,000.00
Total		<u>\$1,575,509.38</u>
Securities deposited with the State of New York under Workmen's Compensation Act, at cost or market, whichever lower (Note 2):		
New York City Bonds, 4%, due May 1, 1959.....	\$15,000.00	\$ 15,685.67
New York City Bonds, 4¼%, due Jan. 1, 1977	15,000.00	15,900.00
New York City Bonds, 4¼%, due Nov. 15, 1978	10,000.00	10,900.00
New York State Bonds, 1¾%, due April 19, 1944.....	40,000.00	40,800.00
U. S. of America Treasury Bonds, 2%, due Dec. 15, 1947.....	10,000.00	10,315.63
Total		<u>\$ 93,601.30</u>
Investment in common stock of Internationale Gesellschaft fuer Chemische Unternehmungen A. G. (Switzerland) (See notes 8 and 9 to financial statements):		
Common stock, fully paid	56,300	\$6,136,700.00
Common stock, 50% paid	28,600	3,118,830.00
Total		<u>\$9,255,530.00</u>

NOTE:

1—Aggregate quoted market value \$9,126,813.69.

2—Aggregate quoted market value \$99,706.25.

CABLE: AMDIT, NEW YORK

F. W. LAFRENTZ, C. P. A.
A. F. LAFRENTZ, C. P. A.
HARRY M. RICE, C. P. A.
J. ARTHUR MARVIN, C. P. A.
P. C. WIEGAND, C. P. A.
E. P. BERGERON, C. P. A.
GEO. W. BREDEMAYER, C. P. A.
M. D. MOERSH, C. P. A.
F. J. SERBEK, C. P. A.
JAMES H. WREN, C.P.A.
WILLIAM ZANKER

F. W. LAFRENTZ & Co.

CERTIFIED PUBLIC ACCOUNTANTS

EXECUTIVE OFFICES NEW YORK CITY

100 BROADWAY - NEW YORK

CHICAGO	NEW YORK
BOSTON	WASHINGTON
ATLANTA	NEW ORLEANS
RICHMOND	SAN FRANCISCO
BALTIMORE	LOS ANGELES
CLEVELAND	OAKLAND
	SEATTLE

LONDON, ENG.
MELBOURNE, AUSTRALIA

TO THE BOARD OF DIRECTORS

GENERAL ANILINE & FILM CORPORATION:

We have examined the consolidated balance sheet of General Aniline & Film Corporation as of December 31, 1941, and the related statements of profit and loss and surplus for the fiscal year then ended, have reviewed the systems of internal control and the accounting procedures of the companies and, without making a detailed audit of the transactions, have examined or tested accounting records of the companies and other supporting evidence, by methods and to the extent we deemed appropriate. Our examination was made in accordance with generally accepted auditing standards applicable in the circumstances and included all procedures which we considered necessary.

The securities owned by the company are held in New York and were confirmed either by inspection or by certificates obtained from custodians.

It has been the practice of the corporation in prior years, by appropriate entry in the earned surplus account, to adjust its investment in the capital stock of Internationale Gesellschaft fuer Chemische Unternehmungen A. G., Basle, Switzerland, to cost or quoted market value, whichever lower. Owing to war conditions reliable market quotations are not available. Therefore no such adjustment has been made in 1941, and the amount at which this investment is stated represents the quoted market value at December 31, 1940, which is less than cost. What value, if any, should be attributed to this investment, depends on factors which cannot be determined at this time.

In our opinion, subject to determination of the value of the investment referred to in the preceding paragraph, the accompanying statements, together with explanatory notes thereto, present fairly the consolidated position of General Aniline & Film Corporation and subsidiary companies at December 31, 1941, and the consolidated results of operations for the fiscal year ended that date, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year, except as to the change in practice explained in the foregoing paragraph.

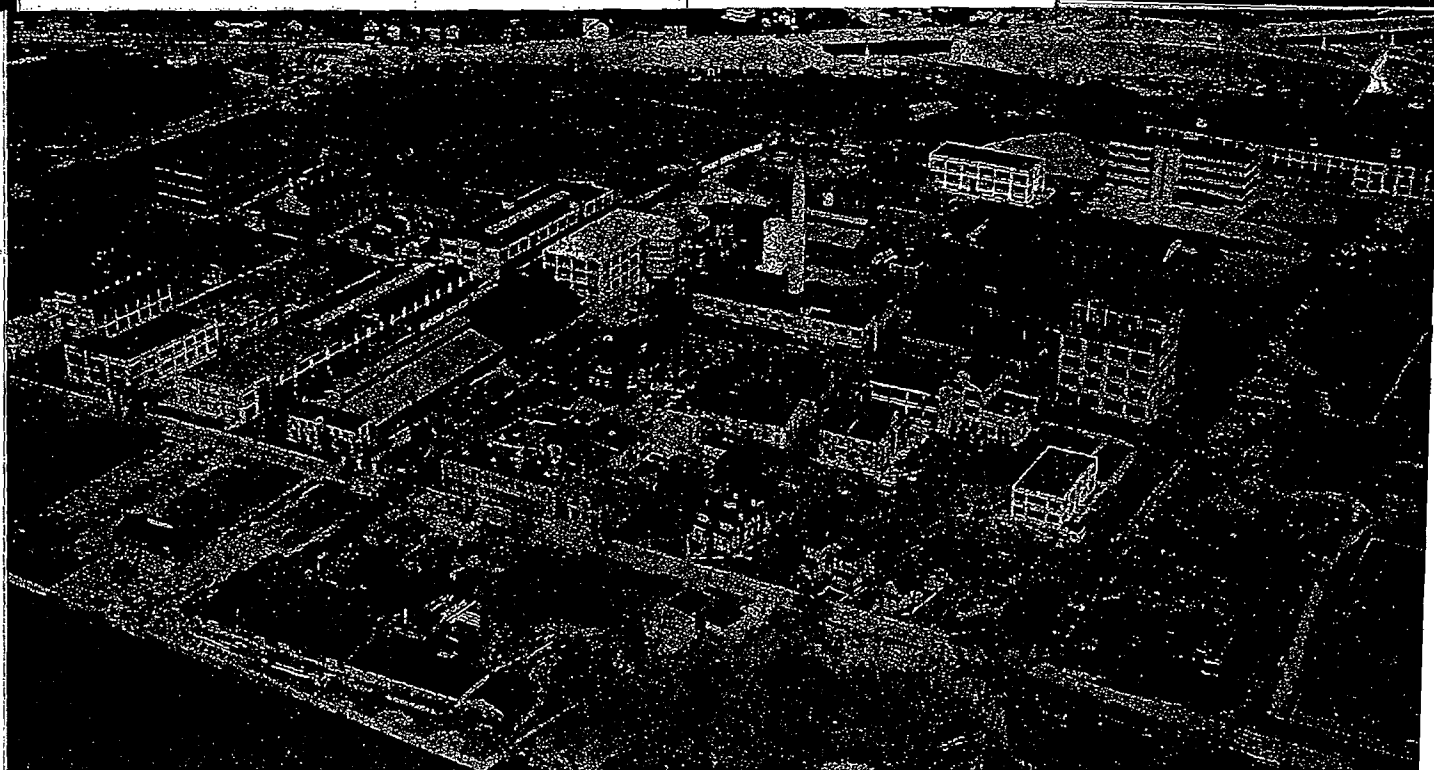
F. W. LAFRENTZ & Co.

Certified Public Accountants

New York, February 16, 1942.

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RENSSELAER, N. Y. PLANT

This picture also includes in its upper left hand corner the plants of the Bayer and Winthrop Chemical Companies.

GENERAL ANILINE WORKS DIVISION

THIS division is comprised of two modern plants, one located at Rensselaer, N. Y., on the East bank of the Hudson, opposite Albany, having an area of over 50 acres and consisting of 27 buildings; the other occupies a plot of 105 acres at Linden, N. J. and consists of 46 buildings. These plants, employing about 2,500 people, are principally engaged in the production of a complete line of dyestuffs and intermediates, which are suitable for almost every purpose for which dyestuffs are used.

The division's products are principally used in textiles, leather goods, paper, paints

and plastics. Of major importance are the Vat Colors which provide the fastest dyes obtainable for cotton, rayon and linen. Equally important are Acid Alizarine Colors, the best of the wool dyestuffs, also Naphtols and their derivatives, used primarily for printing cotton goods.

General Aniline Works also manufactures textile auxiliary products which are used in the dyeing and finishing processes. Among these is Igepon, a soap substitute; Tanigan, a superior tanning assistant; Emulphors, largely used in the rubber trade; Nekal, a

GENERAL ANILINE WORKS DIVISION

wetting agent; and Ramasit and Ramasol, largely used for water-proofing fabrics.

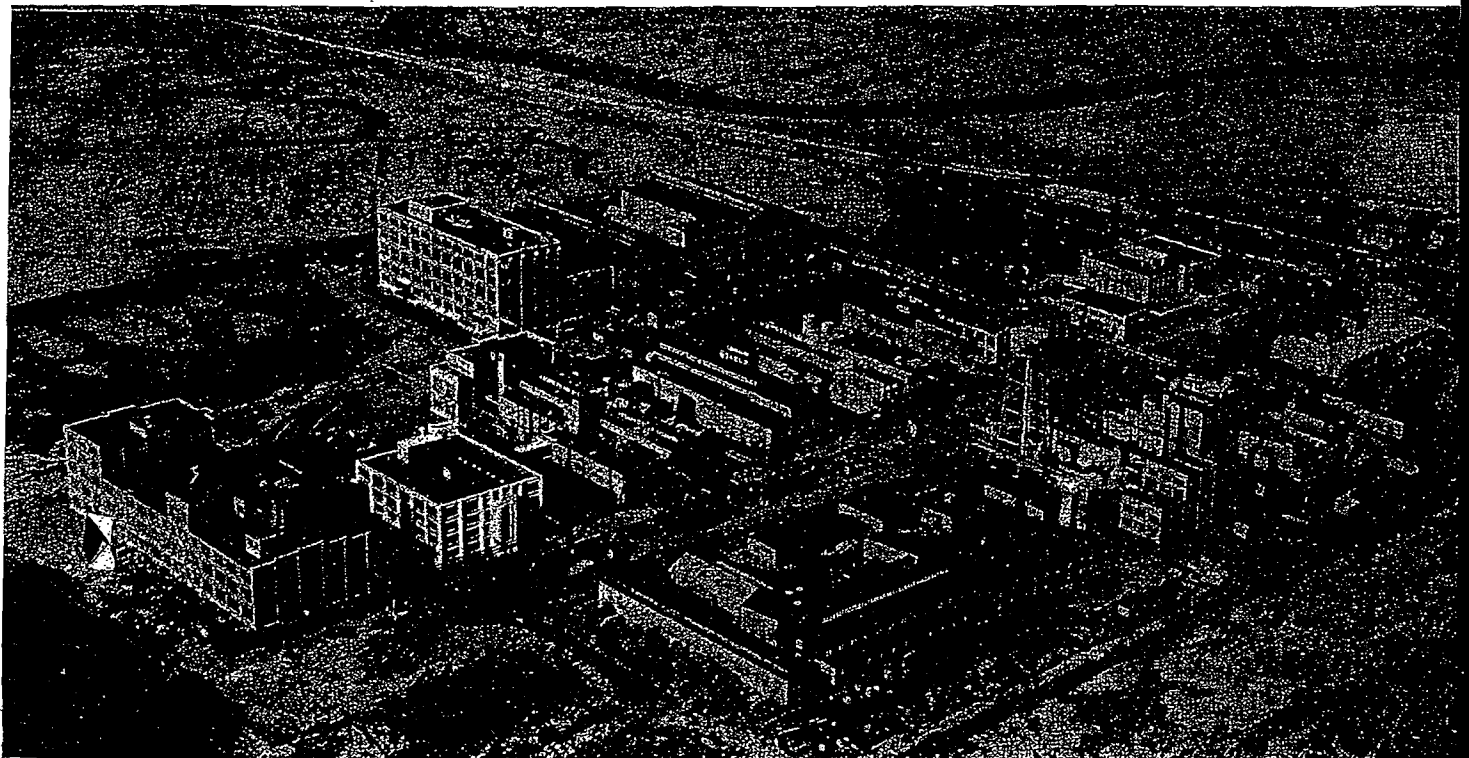
Extensive research laboratories employ scores of chemists occupied in improving and diversifying the products manufactured. Research in the field of vinyl compounds has been continued and satisfactory progress has been made with polyvinyl ethers to be used as waxes, adhesives and water-repellent agents.

At present over 60% of the production of General Aniline Works goes into defense work. The company is the largest producer in the country of khaki and other dyes used

for uniforms and other materials of the armed forces.

During the year General Aniline Works erected at its Linden plant a unit for the production of Carbonyl Iron Powder, a unique form of iron consisting entirely of minute uniform spheres of an onion skin structure which, when used in cores is outstanding in the high frequency range of radio reception and transmission and is greatly superior to other material used for this purpose. The capacity of this unit is substantially in excess of the present government requirements for all branches of the armed forces.

LINDEN, N. J. PLANT





BINGHAMTON, N. Y. PLANT

AGFA ANSCO DIVISION

THE story of the Agfa Ansco Division is almost synonymous with the history of photography in the United States. Now situated at Binghamton, N. Y., this organization had its beginning in 1842 when Edward Anthony established in New York City the first photographic supply house in this country. Today more than 3300 workers are employed in more than 56 buildings which include one of the world's most modern film manufacturing plants.

Agfa Ansco manufactures a complete line of photographic materials including cameras, films, papers, chemicals and many other items of equipment. Operations are carried out by highly-skilled technicians and a standard of cleanliness and precision is maintained that results in the high quality and uniformity of Agfa Ansco products.

The division takes pride in the receipt of two awards from the Academy of Motion Picture Arts and Sciences. The first, in 1936,

was for the development of Agfa Ansco Infra-Red Film, while the second, in 1938, cited the performance of two fast panchromatic films — Supreme and Ultra-Speed.

Also noteworthy was the perfection in 1937 of Agfa Ansco Superpan Press and Super Plenachrome Press Films. These revolutionary films were three to four times faster than any previous light-sensitive material.

Today, photography has become extremely important in modern warfare and a growing portion of the production of Agfa Ansco sensitized materials is devoted to this purpose. In addition, many of the machines in the Camera plant, normally used for civilian production, are being turned over to the production of non-photographic war materials.

War production, then, is Agfa Ansco's chief pre-occupation as it celebrates its 100th anniversary.

OZALID PRODUCTS DIVISION

THE Ozalid Products Division, organized in 1933 as Ozalid Corporation, is located at Johnson City, New York, with additional plants in Detroit, Mich., and Oakland, Cal. It manufactures Ozalid whiteprint and developing machines, and in its coating department sensitizes the papers, foils, tracing cloth and other materials used in these machines. The Ozalid reproduction process, unlike blue printing, yields a positive print in black, blue or maroon line upon a white background. The processing, considerably easier than for blue prints, is done in special Ozalid machines which, developed over the last few years, have revolutionized the industry. The largest machines, preponderantly used by the United States Government, the aircraft and the automotive industry, permit the reproduction of drawings at a speed up to 20 ft. per minute.

The ability of Ozalid paper to reproduce true to scale has made it particularly valuable to manufacturers of precision instruments. Army, Navy and war industries are extensive users of Ozalid products.

The Division's Ozaphane Department has been concerned with the development of a new type of sound recording on thin cellophane and reproduction by means of a beam of light and a photoelectric cell. This process is low in cost, permits an extremely long playing time from a small spool and results in a fidelity of sound hitherto unknown.

The Department has also developed special Ozaphane film for duplicating microfilm negatives as well as a machine for printing and developing this film. It is the only process commercially available for direct duplication of microfilm.

Commercial application has begun on a new process for reproducing microscopic prints on paper, and the demand has temporarily exceeded the available capacity. Furthermore the department recently produced a photographic process for the reproduction of reticules on optical glass. It is expected that application of this process will be of real value for military and naval purposes.

JOHNSON CITY, N. Y. PLANT

